PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-C031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known	
Application Number	10/625,201
Filing Date	7/22/2003
First Named Inventor	Davis et al.
Art Unit	2621
Examiner Name	Not Known

Sheet		1	of	2	Attorney Docket Number	C03-002
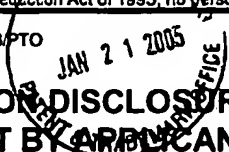
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JS		US-3,936,800	2/1976	Ejiri et al.	
		US-4,115,702	9/1978	Nopper	
		US-4,115,762	9/1978	Akiyama et al.	
		US-4,183,013	1/1980	Agrawala et al.	
		US-4,200,861	4/1980	Hubach et al.	
		US-4,441,248	4/1984	Sherman et al.	
		US-4,570,180	2/1986	Baier et al.	
		US-4,685,143	8/1987	Choate	
		US-4,688,088	8/1987	Hamazaki et al.	
		US-4,736,437	4/1988	Sacks et al.	
		US-4,763,280	8/1988	Robinson et al.	
		US-4,783,826	11/1988	Koso	
		US-4,860,374	8/1989	Murakami et al.	
		US-4,876,457	10/1989	Bose	
		US-4,876,728	10/1989	Roth	
		US-4,922,543	5/1990	Ahlbom et al.	
		US-4,955,062	9/1990	Terui	
		US-4,959,898	10/1990	Landman et al.	
		US-5,621,807	4/1997	Eibert et al.	
		US-5,625,715	4/1997	Trew et al.	
		US-5,627,912	5/1997	Matsumoto	
		US-5,627,915	5/1997	Rosser et al.	
		US-5,663,809	9/1997	Miyaza et al.	
		US-5,828,769	10/1998	Burns	
		US-5,845,288	12/1998	Syeda-Mahmood	
		US-5,086,478	2/1992	Kelly-Mahaffey et al.	
		US-4,980,971	1/1991	Bartschat et al.	
		US-5,060,276	10/1991	Morris et al.	
		US-5,113,565	5/1992	Cipolla et al.	
		US-5,226,095	7/1993	Okumura et al.	
		US-5,268,999	12/1993	Yokoyama	
		US-5,343,028	8/1994	Figarella et al.	
		US-5,371,690	12/1994	Engel et al.	
		US-5,471,541	11/1995	Burtnyk et al.	
		US-5,495,537	2/1996	Bedrosian et al.	
		US-5,497,451	3/1996	Holmes	
		US-5,500,906	3/1996	Picard et al.	
		US-5,545,887	8/1996	Smith et al.	
		US-5,602,937	2/1997	Bedrosian et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	3/1/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3]Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*				Complete if Known	
				Application Number	10/625,201
				Filing Date	7/22/2003
				First Named Inventor	Davis et al.
				Art Unit	2621
				Examiner Name	Not Known
Sheet	2	of	2	Attorney Docket Number	C03-002

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T^2
JS	—	GDALYAHU Y ET AL.: "Self-Organization in Vision: Stochastic Clustering for Image Segmentation, Perceptual Grouping, and Image Database Organization: IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Inc. New York, Vol. 23, no. 10, October 2001, pages 1053-1074	—
		PAUWELS E J ET AL: Finding Salient Regions in Images – Nonparametric Clustering for Image Segmentation and Grouping" Computer Vision and Image Understanding, Academic Press, San Diego, CA, Vol. 75, no. 1-2, July 1999, pages 73-85	
		SCANLON J. ET AL.: Graph-theoretic Algorithms for Image Segmentation, Circuits and Systems, 1999, ISCAS '99. Proceedings of the 1999 IEEE International Symposium, Orlando, FL, May 30,1999, pages 141-144	
		JIANBO SHI ET AL: Normalized Cuts and Image Segmentation, Computer Vision and Pattern Recognition, 1997. Proceedings, 1997 IEEE Computer Society Conference, San Juan, Puerto Rico 17-19 June 1997, pages 731-737	
		XIE X L ET AL. A new fuzzy clustering validity criterion and its application to color image segmentation, Proceedings of the International Symposium on Intelligent Control, Arlington, Aug. 13 – 15, 1991, pages 463-468	
		MEHROTRA R ET AL: Feature-based retrieval of similar shapes, Proceeding of the International Conference on Data Engineering. Vienna, April 19 – 23, 1993, pages 108-115	
		COGNEX CORPORATION, Cognex MVS-8000 Series, CVL Vision Tools Guide, pp. 25-136, Release 5.4 590-6271, Natick, MA USA 2000	
		Hoogs et al., "Model-Based Learning of Segmentations", IEEE, pp. 494-499, 1996	
		Medina-Mora, R., "An Incremental Programming Environment," IEEE *Transactions on Software Engineering*, September 1981, pp. 472-482, Vol. SE-7, No. 5, 1992	
		Newman et al., "3D CAD-Based Inspection I: Coarse Verification", IEEE, pp. 49-52, 1992	
		Ullman, S., "Aligning pictorial descriptions: An approach to object recognition, I: Approaches to Object Recognition," reprinted from *Cognition,* pp. 201-214, Volume 32, No. 3, Cambridge, MA USA, August 1989	
		deFigueiredo et al. "Model Based Orientation Independent 3-D Machine Vision Techniques, IEEE Transactions on Aerospace and Electronic Systems, vol. 24, No. 5 Sept 1988, pp.597-607	

Examiner Signature		Date Considered	3/1/07

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete If Known	
	Application Number	10/625,201
	Filing Date	July 22, 2003
	First Named Inventor	Davis, Jason
	Group Art Unit	
	Examiner Name	Unknown
Sheet 1 of 2	Attorney Docket No: C03-002	

US PATENT DOCUMENTS

Examiner Initial *	Cite No. *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines,Where Relevant Passages or Relevant Figures Appear
JS		US-5,933,516	08/03/1999	Tu, Peter H., et al.	
JS		US-US2002/0054699A1	05/09/2002	Roesch, Peter, et al.	

FOREIGN PATENT DOCUMENTS

no translation

Examiner Initials*	Cite No. *	Foreign Document No Country Code – Number – Kind Code (If known)	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines, Where Relevant Passages or Relevant Figures Appear	T²
		DE-DE 44 06 020 C 1	08/29/1995	Konen, Wolfgang, et al.		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
JS	—	BELONGIE, S., et al., "Shape Matching and Object Recognition Using Shape Contexts", IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Inc. New York, Vol. 24, No. 4, (April, 2003),509 - 522	—
	—	BILESCHI, S., et al., "Advances in Component-based Face Detection", Lecture notes in Computer Science, Springer Verlag, New York, NY, Vol. 2388, (2002),135 - 143	—
	—	BOOKSTEIN, F L., "Principal Warps: Thin-Plate Splines and the Decomposition of Deformations", IEEE Transactions on pattern Analysis and Machine Intelligence, IEEE Inc., New York, Vol. 11, No. 6,(6/1/1989),	—
	—	FITZPATRICK, J M., et al., "Handbook of Medical Imaging", Vol. 2: Medical image Processing and Analysis, SPIE Press, Bellingham, WA,(2000),447-513	—

EXAMINER		DATE CONSIDERED	3/1/07

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete if Known	
	Application Number	10/625,201
	Filing Date	July 22, 2003
	First Named Inventor	Davis, Jason
	Group Art Unit	0
	Examiner Name	Unknown
Sheet 2 of 2	**Attorney Docket No: C03-002**	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
JS	—	OHM, JENS-RAINER , "Digitale Bildcodierung", Springer Verlag, Berlin 217580, XP0002303066, Section 6.2 Bewegungschatzung,(1995),	—
	—	STOCKMAN, G , et al., "Matching images to models for registration and object detection via clustering", IEEE Transaction of Pattern Analysis and Machine Intelligence, IEEE Inc., New York, Vol. PAMI-4, No. 3,,(1982),	—
	—	WEI, WEN , et al., "Recognition and Inspection of Two-Dimensional Industrial Parts Using Subpolygons", Pattern Recognition, Elsevier, Kidlington, GB, Vol. 25, No. 12, (12/1/1992),1427 - 1434	—
	—	ZHANG, ZHENGYOU , "Parameter estimation techniques: A tutorial with application to conic fitting", Imag Vision Comput; Image and Vision computing; Elsevier Science Ltd, Oxford England, Vol. 15, No. 1,(1/1/1997),	—

EXAMINER [signature]   **DATE CONSIDERED** 3/1/07